

CLAIMS

- 5        1. A liquid crystal display device comprising a pair of substrates, a liquid crystal inserted in an annular seal between said pair of substrates, and a threshold pattern provided in a frame portion between said annular seal and a pixel display area, said threshold pattern having an opening connecting said pixel display area with an area between said annular seal and said threshold pattern.
- 10        2. A liquid crystal display device according to claim 1, wherein said threshold pattern extends substantially in parallel with at least one side of said annular seal.
- 15        3. A liquid crystal display device according to claim 1, wherein said threshold pattern annularly extends substantially in parallel with said annular seal with a gap from said annular seal.
- 20        4. A liquid crystal display device according to claim 1, wherein said threshold pattern extends substantially in parallel with at least one side of said annular seal with a gap from at least one side of said annular seal, and a closed space is formed between said threshold pattern and at least the one side of said annular seal except for said opening.
- 25        5. A liquid crystal display device according to claim 1, wherein an alignment film is arranged on a first portion near said opening in the area between said annular seal and said threshold pattern, and no alignment film is arranged on a second portion farther than the first portion from said opening.
- 30        6. A liquid crystal display device according to claim 1, wherein the liquid crystal is dripped on one substrate, and the annular seal has no injection hole.